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New/Revised ACUC Guidelines and Recommendations

The ACUC has recently revised the following guidelines. Please ensure that you and your staff review these guidelines and incorporate into your research study as they apply:

- *Guidelines Regarding Engraftment of Human Cells or Tissues into Immunodeficient Mice [June 2007]*
- *Perioperative Analgesia in Rodents/Drug Information [July 2007]*
- *Recommended Needle Sizes, Sites, and Volumes for Injection [August 2007]*
- *Recommendations for Aseptic Technique and Post-Operative Care for Rodent Surgery [August 2007]*
- *Testing Requirements for Biological Materials [July 2007]*
- *Species Dosage Conversion Factors [August 2007]*

These guidelines can be found at the following site: <http://web.ncifcrf.gov/rtp/lasp/intra/acuc/fred/guidelines/nci.asp>

Revised LASP Standard Operating Procedures

Below is a listing of revised LASP Standard Operating Procedures. Please contact your facility manager if you require copies for your staff and/or have any questions as to how these SOPs relate to your animal research activities.

5.032 Intracardiac Inoculation of Tumor Cells

AVMA Guidelines on Euthanasia

The American Veterinary Medical Association recently [June 2007] revised its *Guidelines on Euthanasia* [formerly the Report of the AVMA Panel on Euthanasia]. These can be found at http://www.avma.org/issues/animal_welfare/euthanasia.pdf

Small Animal Imaging Program

The NCI-Frederick Small Animal Imaging Program [SAIP] was established to provide NCI investigators with a state-of-the-art *in vivo* imaging facility. The SAIP became operational in October 2006 in Building 553 with the installation of a 3.0 Tesla MRI unit. Since then, SAIP has added additional equipment including a Xenogen IVIS SPECTRUM for bioluminescence and fluorescence imaging, a CRi Maestro for fluorescence imaging, a VisualSonics Vevo 770 40Mhz Ultrasound unit for real time sonography, and a Siemens Inveon MicroPET scanner. SAIP anticipates the arrival of a Siemens Inveon micro SPECT/CT imaging platform which will

dock to the microPET device and a Fuji FLA-5100 autoradiography/fluorescence/chemiluminescence unit later in 2007. For more information, the SAIP website can be found at <http://web.ncifcrf.gov/rtp/lasp/intra/saip/>

Material Safety Data Sheets

To assist investigators with Animal Study Proposal [ASP] submissions and for facility staff training purposes, LASP and EHS have launched a website that includes EHS reviewed Material Safety Data Sheets [MSDS]. All individuals working with these materials should be notified of the potential risks and protection requirements [as applicable] by either LASP facility management [for contract facility staff members in conjunction with ASP Section J] and/or the Principal Investigator [for members of his/her research staff]. The list is not meant to be comprehensive – as new materials are proposed in ASP submissions, the EHS reviewed MSDS will be added to this list.

<http://web.ncifcrf.gov/rtp/LASP/intra/forms/msds.asp>

Animal Facility Inspections

The NCI-Frederick Animal Care and Use Committee is required to inspect at least once every six months all of the animal facilities on campus using the *Guide for the Care and Use of Laboratory Animals* as a basis for evaluation. The areas of evaluation include: administrative, maintenance, safety, feed/bedding, caging, sanitation, pest control, animal health, and veterinary care. The ACUC inspection teams will be evaluating facilities in the upcoming months to fulfill this requirement. The ACUC would like to thank the facility staff, technicians, and investigators in advance for their

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The ACUC is always interested in new members to assist the committee. If you are willing to volunteer as an ACUC member or to participate in any of its subcommittees, please contact the [NCI-Frederick ACUC Office](#)

Regulations and Policies Links

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[U.S. Government Principles](#)

assistance and dedication to providing quality animal care at the NCI-Frederick.

NCI-Frederick ASP Form Template

Please be sure to download and utilize the latest version of the NCI-Frederick Animal Study Proposal form for all future submissions [new and renewals].

<http://web.ncifcrf.gov/rtp/lasp/intra/acc/fred/proposal.asp>

Upcoming ACUC Meeting Dates and ASP Deadlines

MEETING DATES	ASP SUBMISSION DEADLINES
October 18	September 27
November 15	October 25
December 20	November 29

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